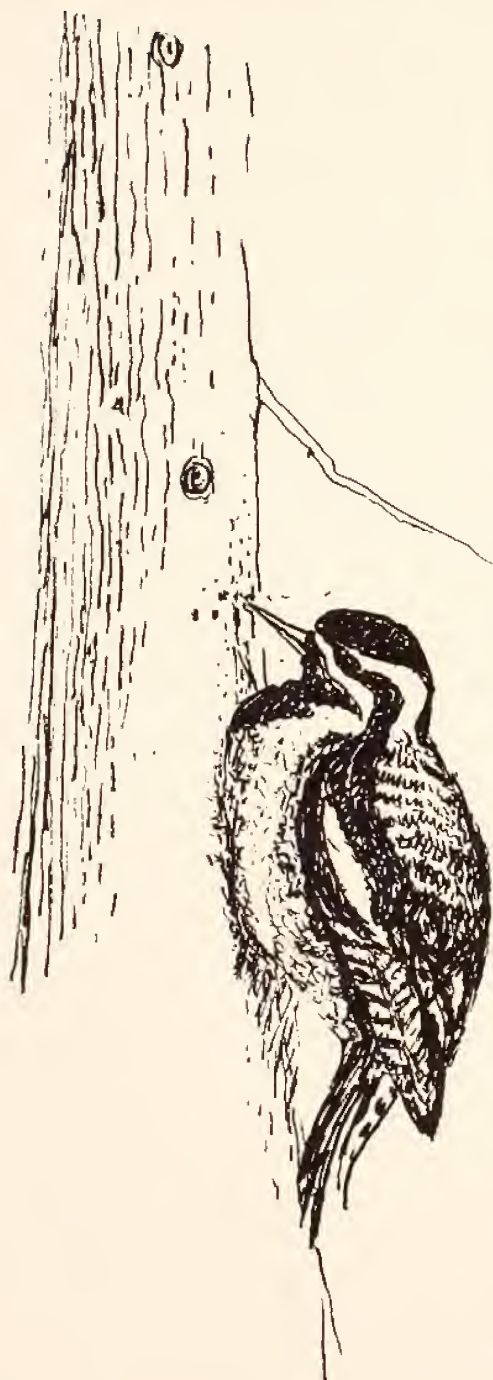


# IOWA BIRD LIFE



ROSE

Vol. XLIV No. 3

September 1974

Published by the

**IOWA ORNITHOLOGISTS UNION**

# IOWA BIRD LIFE - XLIV, 1974

VOL. XLIV No. 3    SEPTEMBER 1974

PAGES 61-88

## CONTENTS

CONVENTION .....	63-65
BIRDING AREAS OF IOWA .....	65-71
FIELD REPORTS .....	71-75
GENERAL NOTES .....	75
BOOK REVIEWS .....	76-79
MEMBERSHIP ROLL .....	80-87
DUES NOTICE .....	88
CHRISTMAS COUNT DATES .....	88
OWNERSHIP STATEMENT .....	88

---

## OFFICERS OF THE IOWA ORNITHOLOGISTS' UNION

President - Mrs. Charles Ayres, 922 N. Green St., Ottumwa, Iowa 52501  
Vice President - Richard Crawford, Dept. of Zoology, I.S.U., Ames, Iowa 50010  
Secretary - Mrs. Mary Lou Petersen, 235 McClellan Blvd., Davenport, Iowa 52803  
Treasurer - Mrs. Ruth Buckles, 5612 Urbandale Ave., Des Moines, Iowa 50310  
Editor - Peter C. Petersen, 235 McClellan Blvd., Davenport, Iowa 52803  
Librarian - Mrs. Beryl Layton, 1560 Linmar Drive, Cedar Rapids, Iowa 52404  
Executive Council:  
    Beryl Layton, Cedar Rapids, Iowa  
    Keith Layton, Oskaloosa, Iowa  
    Robert Nickolson, Sioux City, Iowa  
    John Osness, Waterloo, Iowa

The Iowa Ornithologists' Union was organized at Ames, Iowa, February 28, 1923, for the study and protection of native birds and to promote fraternal relations among Iowa bird students.

The central design of the Union's official seal is the Eastern Goldfinch, designated State Bird of Iowa in 1933.

Publication of the Union: Mimeographed letters, 1923-1928; THE BULLETIN 1929-1930; IOWA BIRD LIFE beginning 1931.

---

SUBSCRIPTION RATE: \$4.00 a year, single copies \$1.00 each except where supply is limited to five or fewer copies, \$1.25. Subscriptions to the magazine is included in all paid memberships, of which there are five classes as follows: Life Member, \$100.00, payable in four equal installments; Contributing Member, \$10.00 a year; Supporting Member, \$5.00 a year; Regular Member, \$4.00 a year; Junior Member (under 16 years of age), \$1.00 a year.

---

EDITORIAL AND PUBLICATION OFFICE  
235 McCLELLAN BLVD.  
DAVENPORT, IOWA 52803

Published quarterly by the Iowa Ornithologists' Union at 235 McClellan Blvd., Davenport, Iowa, 52803. Second class postage paid at Davenport, Iowa. Subscription \$4.00, single copies \$1.00.



# CONVENTION

## Fall Meeting - 1974

MARY LOU PETERSEN  
235 McClellan Blvd.  
Davenport

Members of the Iowa Ornithologists' Union gathered in the Pine Room in the Iowa State University Union on September 21st for the annual fall meeting. Following the evening meal, President Darlene Ayres of Ottumwa opened the meeting by asking the group to voice opinions on which September weekend was most convenient for our fall meetings. There was no strong consensus for any particular weekend. President Ayres announced that the spring meeting would be in Dubuque, May 10-11. President Ayres presented Barney Cook of Ames who welcomed the group and went over the plans for the morning field trip to Ledges State Park. President Ayres thanked Barney Cook and said she was glad for the turn out to the meeting and asked for announcements. Editor Peter Petersen of Davenport asked for articles on bird finding areas in Iowa for the *Iowa Bird Life*. The state has been about two-thirds covered but articles from western Iowa are needed. The deadline for articles for the December issue is the 15th of November. It was announced that Union Slough in North Central Iowa is open for birding the next two weekends. President Ayres recognized Kevin and Barry Zimmer for coming the greatest distance. They are from Fargo, North Dakota. She then turned the meeting over to Vice-president Richard Crawford of Ames. Richard introduced Jack McLane of Danville, Iowa. Mr. McLane's program was on fall wild flowers. Most of the slides were of plants growing on the McLane property. Following the program was a slide fest. Slides were presented by Judge Ayres of Ottumwa, Dr. Glenn Blome of Ottumwa, Peter Petersen, Kevin Zimmer, and Carl Kurtz of St. Anthony. Following the slide fest there were refreshments.

The group met Sunday morning at Sambo's for breakfast at 5:30 a.m. Following breakfast the group left on the morning field trips to the Ledges, Anderson and Little Wall Lakes. The group had dinner at the Union. After dinner, President Ayres thanked the Ames group for hosting the meeting. Vice-President Crawford announced that he is looking for papers for the spring meeting. President Ayres asked for any other announcements. An Ames member asked that Mrs. George Hendrikson be remembered to the group. Dr. Hendrikson was a past I.O.U. president. Compilation followed under the able direction of Judge Ayres.

Bird Census-September 22, 1974 -- Pied-billed Grebe, Great Blue Heron, Green Heron, American Bittern, Canada Goose, Mallard, Pintail, Green-winged Teal, Blue-winged Teal, American Wigeon, Wood Duck, Lesser Scaup, Hooded Merganser, Turkey Vulture, Sharp-shinned Hawk, Red-tailed Hawk, Broad-winged Hawk, Osprey, Ring-necked Pheasant, Virginia Rail, Sora, American Coot, Killdeer, American Golden Plover, Common Snipe, Spotted Sandpiper,



Greater Yellowlegs, Lesser Yellowlegs, Pectoral Sandpiper, Least Sandpiper, Semipalmated Sandpiper, Ring-billed Gull, Mourning Dove, Yellow-billed Cuckoo, Common Nighthawk, Chimney Swift, Belted Kingfisher, Common Flicker, Red-bellied Woodpecker, Red-headed Woodpecker, Yellow-bellied Sapsucker, Hairy Woodpecker, Downy Woodpecker, Great Crested Flycatcher, Eastern Phoebe, Eastern Wood Pewee, Tree Swallow, Bank Swallow, Barn Swallow, Cliff Swallow, Blue Jay, Common Crow, Black-capped Chickadee, Tufted Titmouse, White-breasted Nuthatch, Red-breasted Nuthatch, Brown Creeper, House Wren, Bewick's Wren, Long-billed Marsh Wren, Short-billed Marsh Wren, Catbird, Brown Thrasher, Robin, Eastern Bluebird, Ruby-crowned Kinglet, Water Pipit, Cedar Waxwing, Starling, Solitary Vireo, Red-eyed Vireo, Philadelphia Vireo, Warbling Vireo, Black-and-white Warbler, Tennessee Warbler, Orange-crowned Warbler, Nashville Warbler, Magnolia Warbler, Yellow-rumped Warbler, Black-throated Green Warbler, Bay-breasted Warbler, Ovenbird, Yellowthroat, House Sparrow, Eastern Meadowlark, Western Meadowlark, Red-winged Blackbird, Northern Oriole, Common Grackle, Brown-headed Cowbird, Cardinal, Rose-breasted Grosbeak, Indigo Bunting, Pine Siskin, American Goldfinch, Savannah Sparrow, Vesper Sparrow, Chipping Sparrow, Field Sparrow, Harris' Sparrow, White-throated Sparrow, Lincoln's Sparrow, Swamp Sparrow, and Song Sparrow. Birds seen on Saturday, September 21, but not on Sunday: Rough-legged Hawk, Merlin, Great Horned Owl, Swainson's Thrush, Wilson's Warbler, American Redstart, Rusty Blackbird. Total for both days -- 112 species.

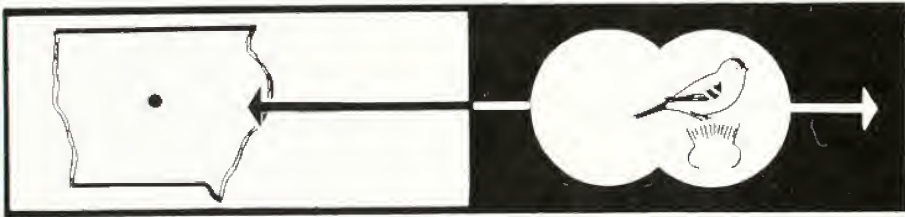
#### Registered Attendance

AMES -- Dale W. Bowen, Barney Cook, Richard D. Crawford, Mr. and Mrs. James L. Jarvis, Dr. and Mrs. Nels Leisten, Wilmer and Lotee Miller, Jeff Ruprecht.  
 ANKENY -- Mr. and Mrs. Dean Mosman.  
 CEDAR FALLS -- Berneda Collins, Mrs. Charles Schwanke and Maxine Schwanke.  
 CEDAR RAPIDS -- Roberta Oppedahl, Myra G. Willis.  
 CENTERVILLE -- Bill Heusinkveld and Marjorie Heusinkveld.  
 CORALVILLE -- Marlyn Glasson.  
 DANVILLE -- Jack and Suzanne McLane.  
 DAVENPORT -- Pat Lanaghan, Mr. and Mrs. Peter Petersen.  
 DES MOINES -- Nellie Atherton and Stanley Atherton, Mrs. Ruth Buckles, Betty Ford, Virginia Van Liew, Linda Zaletel.  
 ESSEX -- Betty Walters.  
 FAIRFIELD -- Viola Hayward.  
 HUMBOLDT -- Dorothy Toyne.  
 INDIANOLA -- Mr. and Mrs. Paul Johnson.  
 LAMONI -- Mrs. Dean Ballantyne, Mr. and Mrs. W. C. DeLong, Grace Elswick, Fernande Silver and Ralph Silver.  
 LOWDEN -- Jeanette Ruprecht.  
 MARBLE ROCK -- Tom Staudt.  
 MARION -- Lucile Liljedahl.  
 MARSHALLTOWN -- Mr. and Mrs. Ed Savage.  
 NEWTON -- Mr. and Mrs. Herb Dorow.  
 OSKALOOSA -- Vera Hanke, Bob Jessen, Keith and Irene Layton.  
 OTTUMWA -- Judge Charles C. Ayres, Jr. and Darleen Ayres, Glenn Blome Bernard C and Florence M. Fulton.

PELLA -- Alice Gordon  
 ROCK VALLEY -- Hilda E. Miller  
 RUNNELLS -- Marge Kauffman  
 SAINT ANTHONY -- Carl Kurtz.  
 SHENANDOAH -- Ruth Phipps, Marie Spears.  
 STORM LAKE -- Frances Heusinkveld.  
 WHEATLAND -- Esther Copp, June Wentworth.  
 FARGO, NORTH DAKOTA -- Barry and Kevin J. Zimmer.

LATE ARRIVALS -- Dean Roosa, Ames, Woodward Brown and Dick Mooney, Des Moines.

69 registered



## North Central Iowa

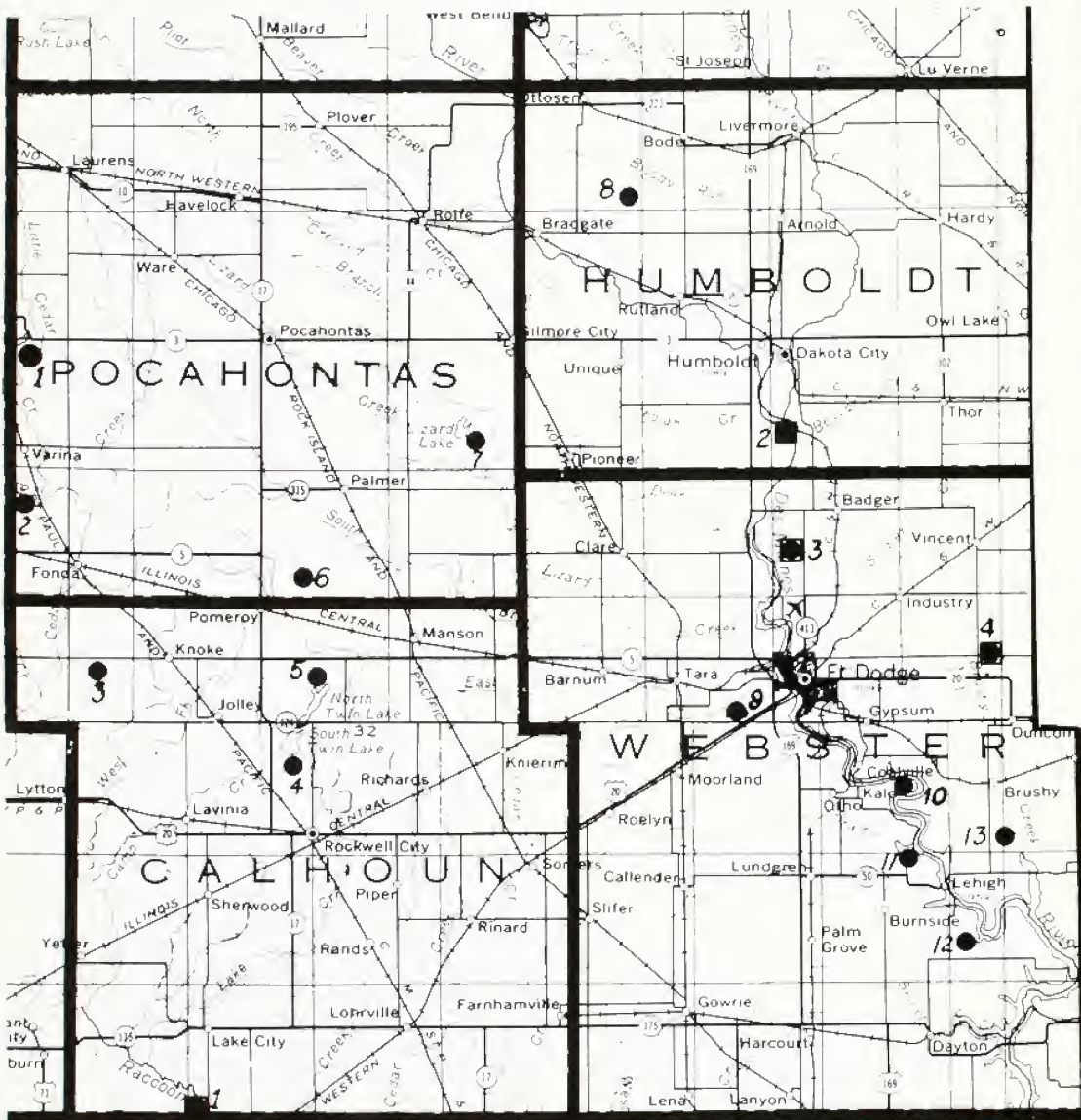
RON MUILENBURG  
 Webster City

DEAN ROOSA  
 Ames

Eight counties (Hardin, Franklin, Hamilton, Wright, Webster, Humboldt, Calhoun, and Pocahontas) in the north central part of the state comprise the heart of the clarion-nicollet-webster soil association area and include some of the richest farmland in the state. Fort Dodge (31,300 - 1970 census) is the major population center of the region. Smaller rural communities of less than 9,000 persons are scattered through the remainder of the area.

The general topography of the area is level. Farmsteads with their buildings and adjoining groves provide most of the obstructions to a view that stretches for miles from almost any vantage point. The only conspicuous exceptions are a number of saucer-like depressions (with accompanying poor drainage), a few rolling or hilly areas along some moraines left by glacial activity, and the river areas. The level to gently rolling terrain requires that nearly 40 percent of the area be drained by artificial means -- consisting principally of tiles and county drainage ditches. More than 75 percent of the land area is in agricultural crop production with additional acres devoted to grazing.

Streams do not dissect the area into many fragments. The Iowa River crosses the eastern portion of this section of the state. The Des Moines and Boone Rivers also cross the entire region to meet near Stratford on the southern Webster - Hamilton county border. The sources of the tributaries of the Skunk River are located in this region. Also short portions of the Cedar (west fork) and Raccoon Rivers slice through opposite corners. The topography of the land surrounding the rivers is in sharp contrast to that of the farmland, with wooded slopes and deep ravines not uncommon. Despite the high degree of agricultural activity of the area, the marshes, rivers, and accompanying wooded area seem to attract and concentrate the bird population and consequently excellent birding spots abound.

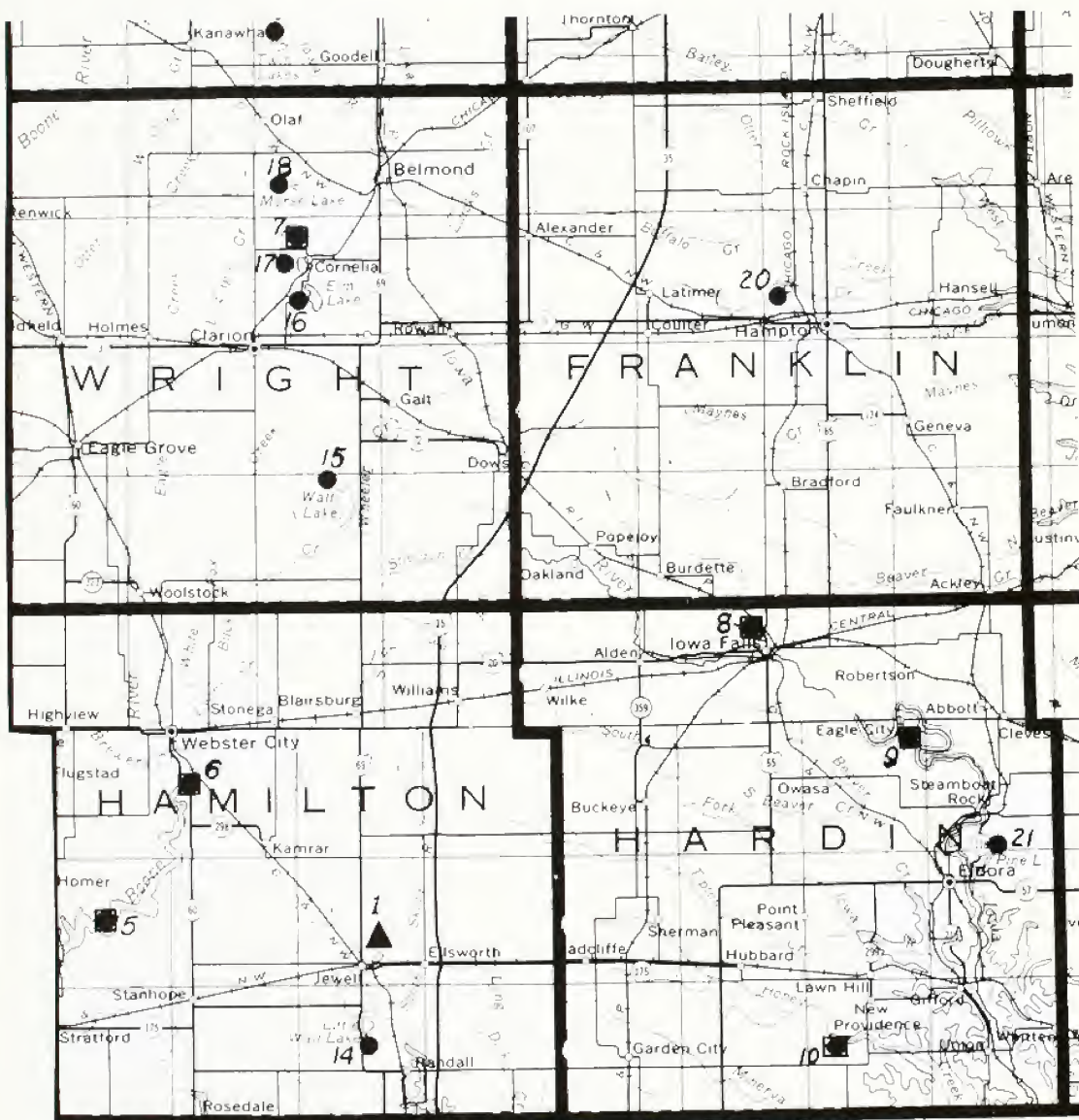


Among some of the better birding areas are: 9. Lizard Creek Area

**State-owned Areas**

- |                       |                                  |
|-----------------------|----------------------------------|
| 1. Clear Lake         | 10. Woodman's Hollow             |
| 2. Sunken Island Lake | 11. Dolliver Memorial State Park |
| 3. Towhead Lake       | 12. Deception Hollow Access      |
| 4. South Twin Lake    | 13. Brushy Creek Recreation Area |
| 5. North Twin Lake    | 14. Little Wall Lake             |
| 6. Kalsow Prairie     | 15. Big Wall Lake                |
| 7. Lizard Lake        | 16. Elm Lake                     |
| 8. Ottosen Potholes   | 17. Lake Cornelia                |
|                       | 18. Morse Lake                   |





11. East & West Twin Lakes
12. Beeds Lake State Park
13. Pine Lake State Park

#### County-owned Areas

1. Rainbow Bend
2. Frank A. Gotch Park
3. John F. Kennedy Park
4. Rossow Prairie

5. Bells Mills Park
6. Briggs Woods
7. Walker Slough
8. Ira Nichols Bird & Wildflower Refuge
9. Hardin County Greenbelt
10. Reece Memorial Park

#### Privately-owned Areas

1. Anderson Lake

### HAMILTON COUNTY

#### Briggs Woods

A 497 acre county park located two miles south of Webster City and adjacent to the Boone River, this area contains a 75 acre lake formed by a dam on two area creeks. Most of the park is heavily wooded. A shallow sandy beach on the south shore, combined with the lake and woods, provides an excellent spot for almost any type of "in-season" birding. Over the past ten years, the one author has logged over 200 species in this park, including such visitors as the Avocet, Common Scoter, and Evening Grosbeak.

#### Little Wall Lake

This lake provides good birding only during the early duck and goose migration season. Located along U. S. 69 south of Jewell, it is primarily a water recreation area and boaters soon discourage all but the most brave of the waterfowl. Both pelicans and swans have made this a stop on their northward trek in recent years. In early fall the south shore is a good spot for Water Pipits.

#### Anderson Lake

A private slough area (previously known as Goose Lake) located just east of Jewell, this area serves as a prime attraction for a wide variety of birds, particularly waterfowl. Shorebirds have been less abundant since the water level was raised a few years ago, but good numbers of snipe still frequent the area during migration. The tree and brush area around the marsh can provide good cover for songbirds. It is not unusual to find ducks and geese numbering in the thousands at this quiet stop-off. A variety of hawks and mammals also frequent the areas. Since the area is privately owned, entrance should not be attempted without special permission. However, good viewing is possible from the gravel road on the east side of the lake.

**Scenic Trip** - One of the most scenic areas in central Iowa would include a canoe trip on the Boone River, starting in Webster City, through Briggs Woods and on down to Stratford where the Boone empties in the Des Moines River.

### WRIGHT COUNTY

#### Big Wall Lake

Located adjacent to U. S. 69 twelve miles north of Blairsburg, this 905 acre slough can be very productive during the migration season. The water attracts all types of waterfowl. In the fall this is a prime hunting spot. The heavily wooded east side is a special attraction to hawks, owls, and many songbirds. It has been particularly attractive for warblers in both spring and fall. Small ponds on adjacent farm lands also attract a good number of shorebirds.

#### Elm Lake

A 466 acre marsh located five miles northeast of Clarion, this serves as another fine attraction for waterfowl. There are some trees at the north-northwest side where songbirds can be found. Some of the adjacent low-lying farm land is an excellent attraction for shorebirds -- particularly during a wet spring. This lake and Big Wall provide excellent habitat for Yellow-headed Blackbirds.

#### Lake Cornelia

Located a quarter mile north of Elm Lake, this 87 acre lake is primarily recreational and is good in early season migration only. It does seem to be a regular stopping place for loons. If one follows the blacktop north of this lake for a half mile he will find a 25 acre county-owned marsh (Walker Slough) which is usually good for dabbling ducks and night herons.



**Morse Lake**

This 108 acre state-owned area is located three miles west of Belmond. There is a lake to the west and across the road east is an excellent marsh habitat for Black-crowned Night Herons and Yellow-headed Blackbirds.

**Scenic Drive** - An interesting day-long tour in the duck and goose migration season might include the chain of small lakes and sloughs beginning at Little Wall and Anderson Lakes on the south and proceeding north to Big Wall, Elm, Cornelia, Morse and ending at East-West Twin Lakes near Goodell.

**WEBSTER COUNTY****Woodman's Hollow**

This 63 acre state preserve is located eight miles southeast of Fort Dodge, off a county blacktop, and is accessible only on foot. A small parking area is available at the entrance. The terrain is extremely hilly and requires some "sure-footedness" in many places to proceed. The Des Moines River serves as the far boundary. The preserve is a fine area to find a good variety of songbirds.

**Dolliver Park**

Located on either side of a county blacktop north of Lehigh, this 572 acre state park is adjacent to the Des Moines River. Because it is accessible by excellent roads, it attracts many visitors and this has a tendency to reduce some excellent birding. However, the hardy birder can follow trails away from some of the roads and some interesting songbirds like the Whip-poor-will and Wood Thrush can be observed. Don't overlook the wildflowers in the park.

**Scenic Drive** - One of the most scenic drives in central Iowa would begin at Dolliver Park, south and east to Lehigh, then to follow county blacktop P73 to a point 2½ miles south. East one mile is a steep hill leading to Deception Hollow and to a state-owned river access. The next approximately six miles follow the Des Moines River and this gravel road emerges on a blacktop road (D54) leading to Stratford. The route can be continued across this blacktop and on the west side of the river across state road 175 into Boone County down to the small town of Fraser. It is a good area for migrating hawks and vultures in the fall, and warblers in the spring. Caution: the road in Deception Hollow should only be negotiated during dry weather conditions. It can be truly spectacular in the fall. Explicit directions are impossible here, but a look at county maps will show the route.

Five miles east of Lehigh, the state conservation commission is constructing a new dam and in the future a 1,100 acre area with a large lake will be opened. To be known as Brushy Creek, this should provide a worthwhile spot during the waterfowl migration season.

**HARDIN COUNTY****Greenbelt**

In recent geological history, the Iowa River cut a new valley from a point near Iowa Falls to a point south of Eldora. This valley has some of the nicest scenery and most remote wild areas to be found in central Iowa. It supports a boreal flora and is of interest botanically. The Hardin County Conservation Board has had the foresight to make the area on both sides of the river into a "greenbelt" of over 800 acres to help preserve its natural beauty. (Mann Wilderness Area has nesting Blue-winged Warblers.) This is an excellent area to canoe. It is also prime warbler country and good for hawks and owls during migration, (especially Broad-wings in mid-September.) It is one of the few spots in central Iowa where the Pileated Woodpecker can be seen and heard. Presently this greenbelt is being threatened by Freeway 520 which is scheduled to be constructed through the very heart of what is considered by many as central Iowa's least-disturbed remnant.

**Pine Lake State Park**

(Located one mile east and  $\frac{1}{2}$  mile north of Eldora, it has heavily wooded slopes around the upper and lower parts of the lake. This area provides habitat for most common species and such summer nesters as Wood Thrush, and Ovenbird. Osprey are frequently seen fishing during spring and fall migration.)

**Reece Memorial Park**

(To reach this park drive 2 miles south and  $1\frac{1}{2}$  miles west of New Providence. Comprised of 80 acres, this county park along Honey Creek features upland and lowland timber. The road network makes birding very productive. Wooded swamps frequently have Wood Duck broods.)

**FRANKLIN COUNTY****Beed's Lake**

This state park is a 319 acre area located two miles northwest of Hampton. It is good for waterfowl early in the season, but later is overrun by campers.

**HUMBOLDT COUNTY****Ottosen Potholes**

This is a 106 acre state-owned tract located three miles northeast of Bradgate. It is good for waterfowl and marsh inhabiting birds especially during wet springs.

**CALHOUN COUNTY****Twin Lakes**

As the name indicates, we have a pair of lakes located north of Rockwell City. The 569 acre north lake is a recreational area, with many homes and some commercial establishments. However, the south lake, located adjacent to the former, is a fine birding area. Surrounded by trees, this lake consists primarily of open water at the south and a marshy area at the north end. A county gravel also surrounds the lake and makes almost any area easily accessible. Almost every spot on this 600 acre lake is clearly visible with a good set of binoculars. One can expect to see a variety of birds from warblers to eagles and pelicans during the migration season.

**POCAHONTAS COUNTY****Kalsow Prairie**

This state preserve is just what its name indicates -- a virgin prairie of 160 acres. Located seven miles northwest of Manson, the only trees are saplings since the area is regularly burned to allow for growth of native grasses and flowers. If one is interested in a wide variety of wildflowers -- this spot is a must. Don't expect to expand your bird list with many new species, but a chance to get a good look at some of the prairie species and ground nesters will be afforded.

**Sunken Island Lake**

This 370 acre state owned area is located three miles northwest of Fonda. It is a shallow lake with some marshy areas and provides a fine stop for migrating waterfowl.

**Lizard Lake**

A 268 acre state owned lake located four miles southwest of Gilmore City, this lake attracts waterfowl in both spring and fall. The brushy area surrounding the lake also serves as cover for some songbirds.

**Little Clear Lake**

This 187 acre lake is located eleven miles west of Pocahontas along state route 3. It borders on the definition of a lake or a slough. It is shallow for the former, a little deep for the latter. Few trees surround this state areas, but during migration season this is a favorite stop for a variety of waterfowl. Occasionally a good



variety of songbirds can be found along the edge of the lake.

The authors acknowledge the help of Mrs. Sewell Van Alstine, Gilmore City and John Creswell, Rockwell City. The editor acknowledged the comments of Carl Kurtz of St. Anthony in the Hardin County section. Due to the late stage at which they were received they have been indicated by parenthesis.

## FIELD REPORTS



June was cool and slightly wetter than normal, July, warm and extremely dry with only 1.3 inches of rain at the Des Moines airport. August was cool, but the dry weather continued. The first three weeks of September were likewise cooler and drier than normal.

Perhaps the most interesting development of the summer was the nesting of the Yellow-yeated Blackbird in unworked areas. The map illustrating Milton Weller's paper on their distribution in Iowa (IBL 39:3) shows Swan Lake, north-east of Iowa City, as the southernmost breeding place. This year they nested near Ankeny for what appears to be the first Polk Co. record in 40-odd years, and in southwest Iowa at Forneys Lake and possible near Riverton for only the second time in that area for many years. Nesting was also observed in an unnamed marsh north of Cedar Rapids. On the other hand, none nested at Muskrat Slough in the past two years; this had been the site of a breeding colony in the past.

The importance of food as an attraction to birds is demonstrated by Mrs. DeLong's results with plantings of arrowwood (*Viburnum dentata*). She was able to band very many E. Kingbirds, Catbirds, Brown Thrashers, Rose-breasted Grosbeaks and Robins which fed on the berries.

**Pelicans, Cormorants.** A large flock of rather late migrating White Pelicans was seen on 4 June (RG). There was one on 1 July with five more coming later making a total of 6 at Red Rock by 10 September (GB). On 15 September there were 500 north of Forneys Lake. A juvenile Cormorant was seen on 22 August (NH). The unspecified number seen by many at Forneys Lake 13-19 June were unusual since there was no breeding colony. (RP).

**Hérons, Bitterns.** Great Blue Herons were numerous at Forneys Lake (RP). High water at Red Rock prevented nesting, but many were present by 1 August, with an estimated population of 250 by 1 September. Nestings at Rathbun were successful but there was some destruction by storms (GB). The peak at Coralville was 20 on 22 August (NH). An immature Little Blue Heron was seen on 16 August five miles south of the Reservoir (NH). Cattle Egrets were seen in mid-May south of Beech, and in the third week of May at the intersection of No. 14 and the north shore drive (GB). An immature was observed on 22 August (RP). Great Egrets were seen near Riverton 13 June (RP), and also in August (fide J. Braley). There were 10 present during August, and 20 on 14 September (GB). On 7 September, 5 were seen (NH), and 2 on 12 September (DM). Many Black-crowned Night Herons were seen at Goose Lake, Green Co. on 8-9 June (RJ). What had formerly been a large heronry there had not been occupied for several years. No report has been received for Yellow-crowned Night Herons which have nested rather consistently



in recent years in Polk Co. Least Bitterns were seen by several on 13 June (RP); one was north of Cedar Rapids on the same date (LS), and another at Goose Lake on 9 June (RJ). An American Bittern was seen 4-5 September (DK), another at Anderson Lake on the Fall meeting field trip.

**Geese, Ducks.** There were 3 Canada Geese at Red Rock Refuge throughout the summer. Snow Geese summered in the Forneys Lake area, but there has been no evidence of nesting; the 2 on 13 September appeared to be migrants (EG, RP). Other summer dates were 19 June on Amana Lake (LS) and late June and early July (DK). Mallards and Blue-winged Teal were seen in a number of areas during the summer. Two Black Ducks as far west as I-29 in mid-September were unusual (RP). Summer records of Gadwall on 20 July and Pintail on 23 June are reported (DK). Wood Ducks seemed fewer with 10 seen on 14 August (GB). Lesser Scaup were present until 4 July (DK). A Ruddy Duck appeared near Ankeny on 17 June (DM). Two immature Hooded Mergansers were seen near Ankeny on 1 June (MB).

**Vultures, Hawks.** This group was thought generally fewer. There were two summer roosts with 60-plus Turkey Vultures, but one was deserted by June, due probably to human disturbance (GB). The only Sharp-shinned reported was seen on 20 July (NH). Red-tailed were fewer in Polk Co. and the Oskaloosa area (RJ). Flocks of about 200 Broad-winged were seen on 16 September (MB, PP, ES). A Swainson's was near Cedar Falls on 26-27 June (KZ). Rough-legged are seldom seen as far south as the Shenandoah area, but there were two observations in mid-September which is quite early (RP). An adult and an immature Bald Eagle were seen the last week in August, whereas the previous early dates have been in October (GB). Marsh Hawks were seen in Floyd Co. (2) on 29 June (KZ), 2 on 15 September, the first since spring (NH), and one was seen at Anderson Lake on the field trip. Only two mentioned Ospreys; seen on 31 August and 14 September (AJ), and on 8 September at Decorah, and 16-17 September at Lake Meyer (DK). Some of the members saw the 2 at Little Wall Lake on the field trip. A Merlin was reported at the compilation, seen 21 September at Pammel Woods, Ames by Pat Lanaghan, but no Am. Kestrel which is unusual. Although an immature was seen on 2 September (NH), and 2 others on 15 August (GB), this falcon is becoming hard to find except during migrations.

**Quail, Pheasants, Chukar.** Reports on Quail and Pheasants were good. A Chukar sitting on fifteen eggs in West Davenport allowed Petersen to pick it up and band it. The eggs failed to hatch.

**Shorebirds.** The only mention of the Sora was of an observation on 15 Sept. (NH). Semipalmated Plovers were reported from several areas, being seen from late July into the first week of September. Piping Plovers were observed on 16 August and 7-8 September (NH), but they failed to nest at DeSoto Bend this year. Killdeer were few (RJ), in moderate numbers (GB), but numerous in Polk Co. Golden Plovers have been seen: an early one on 26 July (GB); about 10 on 10 August and later (NH), 1 on 15 August near Des Moines (MB), and "few" (RP). Black-bellied were seen in three locations; 14 August (GB), 16-17 August (5) (NH), and 13 September (EG, RP). Woodcock were near Paris from April to August (LS), and calls were heard as late as 30 June (NH). No one mentioned Common Snipe from any area other than Des Moines where several were found (MW). The only reports on Upland Sandpipers were negative (RB, EG). Willets (2), were seen 16 August (NH). White-rumped Sandpipers were reported from the Shenandoah area (RP), and 6 were seen on the rather late date 2 September near Des Moines (MB). Baird's were thought more numerous than usual (NH). The only Dunlins reported

were seen on 2 June (DK). Eight Dowitchers were seen on 16 August (NH). Still Sandpipers were seen on several different occasions near Des Moines, a flock of 8 on 16 August (NH), and on 26 May (DK). A flock of 100 Semipalmated Sandpipers on 2 June was unusual (DK). Western Sandpipers (2) were noted on 8 September (NH). The usually rare Buff-breasted Sandpiper was seen in two areas; 8 on 5 September (GB), and 27 on 2 August with fewer as late as 18 August (NH). Avocets seen were 2 near Carlisle on 31 August (DM), 1 on 15 September by Darell Peterson (fide NH), 4 at Red Rock on the same date (fide GB), and 1 in September (no date) (RP). A rather late Wilson's Phalarope was seen on 14 September (DeL).

**Gulls, Terns.** Only a few Ring-billed Gulls were seen (GB). The Common Terns on 22 August were 2 in summer plumage and 1 in winter (NH). A Least Tern was seen on 14 August (GB), and an unspecified number on 13 September (EG). None nested this year at DeSoto Bend. An unspecified number of Caspian Terns have been at Red Rock since 4 September (AJ) and 2 were seen on 8 September (NH). There were 500 Black Terns below Red Rock Dam on 14 August and 50 on the Lake on 31 August (GB).

**Doves, Cuckoos.** Doves were thought fewer (GB). Yellow-billed Cuckoos were less numerous in the reporting areas, with a rather late nesting on 18 August (PK). Black-billed were more than usual (RP), but others saw few.

**Owls.** A Screech Owl is thought responsible for the decrease in numbers at a feeder in Des Moines. Great Horned usurped two Red-tailed nests and 2 young were fledged in each (GB). A good population and easily found (RJ). There was only 1 successful Barred Owl nest with 2 fledglings (GB). The only Short-eared Owl was seen on 15 September, D. Peterson (fide NH).

**Goatsuckers, Swifts, Hummingbirds.** Chuck-will's-widow seen and heard from 23 May to 30 July near Stone City (LS); heard near Eddyville on 25 May and 1 of 2 heard banded by the Keith Laytons on 24 June (RJ). None was found at Ottumwa this summer. Whip-poor-wills were common along the Des Moines River (RJ), and 2 were netted on the early dates 13 and 19 September (PP). Common Nighthawks; first migrating flocks seen 15 August with many since (RJ), large flocks, with 400 seen in two hours, appeared on 7 September (PP). Chimney Swifts were fewer (GB), but abundant (RJ). Only 1 Hummingbird was mentioned, that by (RJ), with few, if any, around Des Moines.

**Woodpeckers.** A Pileated was seen 25 July at Palisades-Kepler (LS). Red-bellied seem fewer than in recent years (GB, WHB). Red-headed have been abundant (RP, RJ). E. Kingbirds reports ranged from "fairly numerous" to "abundant". W. Kingbirds used the same nest for the second successive year in the Ankeny City Park (DM). They were seen in the Shenandoah area by Marie Spears and Jean Broley (fide RP), and another on 3 September (AJ). A pair of Great Crested used a nesting box, but two clutches were destroyed by predators (GB). Phoebe's are down in numbers (GB), fewer in Polk Co., and spring rains destroyed some nests (RJ). More than 30 Yellow-bellied Flycatchers were netted in the first three days of September (PP) with 1 Acadian on 4 September.

**Swallows.** Tree Swallows nested in the dead trees at Goose Lake (RJ), and several very large flocks were seen on the Fall field trip. Barn Swallows were in most areas (GB). Cliff Swallows deserted many of last year's locations under bridges, but 185 nests were counted on the face of Red Rock Dam with young being fed on 14 August (GB). Purple Martins were fewer (HD). At least 10 pairs were lost in the tornado, with only 4 successful nests. One pair re-nested as late as 28 June and young left on 20 August. Other reports indicate increases in colonies (DM). They were not numerous, and boxes taken by House Sparrows, but several pairs



were at Red Rock Hdqrs. for the first time in seven years. The July heat was responsible for many deaths (RJ).

**Wrens, Mimics, Thrushes.** House Wrens were fewer except in town (GB). A Bewick's was reported on the Fall field trip. A Carolina nested in a garage and 5 young were banded (GB). Long-billed nested near Ankeny (DM), while Short-billed summered south of the Reservoir (NH). A Mockingbird was present for a few days prior to the tornado, but not since (DM). There was only 1 successful nest, with none in several fields as usual (GB). A nesting in a coal mine area produced 2 young (RJ). They are holding their own with 3-4 pair near Wildcat Den (PP). Twenty nine Catbirds and 16 Brown Thrashers were banded (DeL), but the latter were thought not as numerous as ten years ago (GB). Robins were generally thought numerous with 57 banded (DeL), and 200 on the Marie Spears farm on 23 August (RP). Wood Thrushes were rare (GB, WHB). For the first time in two years Bluebirds were successful in two boxes (DM), but all others thought it a poor year.

**Gnatcatchers, Waxwings, Shrikes.** No Blue-gray Gnatcatchers were seen (RP), nor was any reported from Des Moines. Waxwings were rare in Polk Co., but 75 were seen on 24 August (RJ). A pair was seen on 14 June, and newly fledged young on 22 August (DeL). Loggerhead Shrikes had 5 successful nestings (GB), but they were rare in Polk Co., and none was seen all summer (NH).

**Vireos, Warblers.** Bell's Vireo nested along the railroad tracks at Pleasantville (GB), and were heard singing (EG, RP), but none has been seen or heard in Polk Co. for several years. Almost no Red-eyed were heard all summer, but a number, evidently migrating, were seen on 13 September (WHB). A Philadelphia Vireo was seen on 5 September (NH), and one was banded on 1 September by Betty Walters. The Warbling Vireo record paralleled that of the Red-eyed in Polk Co. Big warbler waves were noted on 26 August and 2 September (DeL), and on 3, and 19-20 September (PP). A small wave on 13 September in Des Moines followed a rainy night. The migration was thought poor (RP). Only 3 Tennessees were netted through 20 September (PP). Parulas were heard and 2 seen on 11 July in Slip's Bluff Co. Park, both the date and location are unusual. Yellow Warblers were few (EG), with none in Des Moines where they formerly nested. Black-throated Blues were banded on 4 and 18 September (PP). Ceruleans were heard and seen in Jester Park on several different dates. A Pine Warbler was banded (DeL). Common Yellowthroats were few (EG). No Chats were found in their usual areas (GB). A late report tells of Hooded Warblers being found near Waterloo on 27 April, and on 5 May, 1973 in Pammel Woods at Ames (NO).

**Blackbirds, Tanagers, Finches.** Bobolinks were seen in new areas this year (RP), and they apparently nested 10 miles east of Oskaloosa (RJ). They seemed down in numbers (PP), but perhaps more than usual in Polk Co. Yellow-headed Blackbirds nested, with a number banded, near Ankeny (DD); in the Hamburg, Riverton area (EG, RP), and in a marsh north of Cedar Rapids (LS). A male was seen in a meadow on 25 June and 14 immatures on 22 August at a shallow pond south of the Reservoir (NH). Orchard Orioles were considered scarce by all reporters. Northern Orioles seemed numerous but fewer than in the past (GB), and "possibly down" or "few" (RJ, EG). Scarlet Tanagers built a nest in June but immediately deserted and none was seen since (VVL). A nesting pair was banded (DeL). A male and female Summer Tanager appeared early, but were seen only infrequently and no nest was found (EGr). Rose-breasted Grosbeaks were plentiful (GB, WHB), but seemed few (EG). A few Blue Grosbeaks were seen (RP). Indigo Buntings were abundant (GB, RP). Dickcissels were "many" (HD),



"second most numerous after Red-wings, but fewer than peak years" (GB), and down (EG, PP). A LeConte's Sparrow found on 14 September by Darell Peterson was seen the next day (NH). Henslow's Sparrow was seen several times in June (NH). Lark Sparrows were unusually numerous with several banded (RP), and a recorded nesting in a coal mine area (RJ), but none in Polk Co. A Dark-eyed Junco at L & D 9 on 25 May was late (DK). Cardinal Marsh had 3 Clay-colored Sparrows until late July (DK).

**CORRIGENDUM.** The Saw-whet Owl at L. Keomah on 17 March should have been described as a Short-eared.

Contributors: Gladys Black, Pleasantville & Red Rock Refuge; Margaret Brooke, Des Moines; Herb Dorow, Newton; Genevieve DeLong, Lamoni; Mrs. E. Getscher, Hamburg; Everett Griffith, Des Moines; Nicholas Halmi, Iowa City; Robert Jessen, Oskaloosa; Ann Johnson, Indianola & Red Rock; Pearl Knoop, Marble Rock; Dick Mooney, Des Moines; Dean Mosman, Ankeny; Darwin Koenig, Decorah; Nick Osness, Ames; Peter Petersen, Davenport; Ruth Phipps, Shenandoah; Lillian Serbousek, Cedar Rapids; Virginia Van Liew, Des Moines, Mary Ellen Warters, Des Moines; Kevin Zimmer, Charles City & Cedar Falls.

Notes on the fall season should be submitted by 20 November. Woodward H. Brown, 432 Tonawanda Drive, Des Moines 50312



Great Grey Owl  
Photo by Eric O. Berg

**Great Gray Owl in N. E. Iowa** -- While driving down Highway 9, towards Decorah, I spotted an owl on the opposite side of the road at a point 5.5 miles west of the Postville Road. It was the fifteenth of February, 1974. I turned the car around and approached the owl. I got out of the car and started snapping off pictures as I approached the bird. I got within ten feet of it before it flew away.

I thought that I was fairly well versed on my owl identifications, but could not key this bird down. I noted its size, breast markings and yellow eyes and proceeded to Decorah. Once back in Wisconsin I was able to obtain an identification on the bird and the pictures confirmed my identification of this Great Gray Owl. (The author has worked at the Cedar Grove banding station for some time. ed.) ERIC O. BERG, c-o Cedar Grove Ornithological Station, Rt. 1, Cedar Grove, Wisconsin 53013.

## Book Reviews

**Birds in the Australian High Country** -- H. J. Firth, ed, illustrated by Betty Watts -- A. H. and A. M. Reed, imported for sale by Charles E. Tuttle Co. Inc., Rutland, Vermont -- 481 p., 33 p. of color plates, two b. and w. plates, 12 habitat photographs -- 1969 -- \$18.50.

While this is not a new book it is now more available in the United States through the Charles Tuttle Co. It covers the hill country of Southeastern Australia in the vicinity of Canberra, the capital. The book is a product of the combined efforts of fourteen people, most of them government scientists. The result of their efforts is a book which gives a very complete picture of the bird life of the area.

The introduction describes the physiographic features of the region, its history, habitats, bird geography, bird movements and the breeding seasons. The very complete species accounts make up the bulk of the text. They include plumage description stressing field marks, voice, general and local distribution, habits, breeding and food. The type is very easy to read and the paper stock is heavy. Supplementing the fine text are good color plates depicting almost all of the 269 species covered, even most of the rare stragglers seen only a few times. The birds are grouped taxonomically and many female and immature plumages are included.

This type of book is seldom seen for a U. S. area. It disregards political lines and covers a fairly small, biologically significant area very thoroughly. If one is planning to visit Australia and spend some time in Canberra it cannot be too highly recommended. It is too large to carry along, but will provide excellent background data. ed.

**Birds in Bass Strait** -- Ken Simpson -- A. H. and A. W. Reed, imported for sale by Charles E. Tuttle and Co., Inc., Rutland, Vermont -- 112 p., 72 color photographs, 26 b. and w. photographs, 4 line drawings -- 1972 -- \$8.65.

This book is sponsored by the Oil and Gas division of The Broken Hill Proprietary Co., Ltd. as an attempt to educate Australians about their natural resources. It is written primarily as a source book for information on the birds of the Bass Strait region which lies between Tasmania and mainland Australia. The introduction explains the geography of the area and provides a clue for the industry sponsorship -- B. H. P. operates some offshore oil and gas wells in the area. The birds are covered in a general manner, with basic life history information presented in a very readable form. The text is arranged with breeding species first, followed by summer and winter visitors. A short section deals with landbird migrants and a section is devoted to methods of studying seabirds. The book closes with some mention of marine mammals and suggestions for further reading. The photographs are very fine and well reproduced. If you have an interest in Australian birds this book is well worth considering. ed.

**Bush Birds of Australia** -- Allen Keast -- Jacaranda Press Pty. Ltd., 46 Douglas St., Milton, Queensland, Australia -- 129 p., 56 color photos, 4 p. of color plates plus many black and white drawings -- 1973 -- \$3.00, paperbound.

Since many expensive Australian bird books have been reviewed here recently it seems some of the less expensive books should also be mentioned. This book is the revised, color edition of a volume first published in 1960 and due to the January



floods inundating the publisher the only source at present is through the Australian Museum, Sydney. The author introduces the reader to bush or woodland birds, omitting sea, marsh and grassland species. The introduction tells the novice how to identify birds, introduces habitats and suggests additional books and some bird societies.

The bulk of the text covers families giving range and habitats, general behavioral notes, and breeding for the most common member which is illustrated by a color photo. Related species are described and on occasion illustrated in black-and-white. The final section is a brief color key. If one is interested in a book for a tourist with only a casual interest in Australian birds this book is ideal. ed.

**Birds of the World: A Check List** -- James T. Clements -- Two Continents Publishing Group, Ltd., New York -- 524 p. -- 1974 -- \$14.95.

**A Coded List of Birds of the World** -- Ernest P. Edwards -- Published by the author at Sweet Briar, Virginia -- 174 p. -- 1974 -- \$9.00.

For many years there has been a need for a book listing all species of birds found in the world. The purpose for which such a book will be used by many is a consolidation point for a life list. Therefore these two books which have accomplished this need will be compared on the basis of use as a life list. As this reviewer knows both authors no personal favoritism will be shown.

In the matter of weight, important if a book is to be carried on a trip, Edwards weighs 18 ounces versus 33 ounces for Clements. Many birders do not make final recording of their observations until they return home and the work from field notes, so this may be of little importance to them. Each reader will have their own ideas on the order and selection of species. Both authors tend to include both species in debatable cases allowing the user to make the final decision and delete one if they wish. Deletions are easier than additions. Clements includes 8,904 species, agreeing with Brodtkorb rather than Mayr and Amadon who recognized about 8,600. Edwards follows a similar approach and totals 8,908 species.

In the matter of layout Clements, with more space available in his longer book, has the advantage. He lists the scientific name, common name, brief range, and leaves a space for the date and location of your first observation of the species. Edwards has a code symbol (letters and numbers) for each species, scientific name, common name and a symbol for the range. Clements is much more specific in range. Edwards allows room only for a tick and perhaps a date.

In conclusion the reader is advised to select on the basis of his needs. If space for notations is required and transport is no problem, Clement's book is the best choice. If the book is to be carried on overseas flights and merely a tick spot is needed Edwards will suffice. Since the Edwards book is a limited edition it will be hard to find it in a book shop to enable one to make a direct comparison. ed.

**The Bird Life of Texas** -- Harry C. Oberholser -- paintings by L. A. Fuertes, edited by Edgar B. Kincaid -- University of Texas Press, Austin -- 1,108 p., 36 color and 36 black-and-white plates, 38 photos, 480 maps -- 1974 -- 2 vols. -- \$60.00.

Oberholser's monumental work on Texas birds has finally been published, nearly eleven years after his death. Edgar Kincaid deserves great credit for updating the manuscript and bringing its volume down by two-thirds. One should keep in mind that no common name changes occurring since Oberholser's death in 1963 are used and the subspecies accounts have not been changed from the original manuscript. The book begins with two sections, the history of Texas ornithology and the ecology of Texas birds which includes black-and-white habitat photos, some of which are reproduced rather darkly.

The bulk of the text consists of species accounts. While the common species



names conform to the 1957 A. O. U. Checklist the scientific names are Oberholser's with a note made of the A. O. U. scientific name. A brief description with size in inches or feet and weight in ounces and pounds follows. Next we find the range highlighting the state range with maps, status, abundance and charges in status or distribution. This is followed by the detailed or subspecies account printed in smaller type. Again in this section A. O. U. names which differ from those of the author are mentioned. The bulk of these accounts deal with very detailed plumage description. Measurements (converted into metric), range and local distribution, as well as nesting notations are also included. The plates were done about 1902 and were in some cases retouched before printing. Appendices cover Oberholser's reasons for nomenclature in variance with the A. O. U.; a glossary of colors; a list of birds mistakenly attributed to Texas and bibliography through 1973.

This book is certain to be criticized on the basis of outdated nomenclature, in fact comments were heard prior to publication, but the general reader will find notations with more current usages rather readily. It will take its place alongside some of the other monumental state bird books and provide a good addition to the backbone of any reference library of state texts. ed.

**The Seabirds of Britain and Ireland** -- Stanley Cramp, W. R. P. Bourne and David Saunders -- Taplinger Publishing Co., New York -- 287 p., 4 color plates, 12 photographs, many line drawings and maps -- 1974 -- \$14.95.

This book is based on "Operation Seafarer", conducted in 1969-70, by both amateur and professional ornithologists, to map and count seabird colonies. This book summarizes the biology and life history of seabirds, their present numbers and recent status changes. Each of the 24 species is then covered with notes on identification, life history, feeding and breeding habits, world distribution and status in the U. K. The book concludes with a list of rarer species, appendices, bibliography and index. Everything considered this is a very well written and produced book, but it is unfortunate that the U. S. price is almost double the U. K. price. ed.

**Nature Photography, Its Art and Techniques** -- Heather Angel -- Charles Scribner's Sons, New York -- 222 p., 24 p. of color plates, 150 black-and-white photos -- 1974 -- \$14.95.

This book should be considered with those reviewed in the last issue (I. B. L. Vol. 44 p. 56-57). This book follows a format similar to Kinne but devotes more detail to specific subject matter. The author begins with a discussion of equipment starting at a very basic level. Some general techniques are included in this section. The remainder of the book deals with various areas of subject matter including flowers, plants, trees, insects, aquatic life, amphibians and reptiles, birds, mammals, fossils and shells. Studio work is covered where it is useful. While the author is not primarily oriented to bird photography she does a creditable job with the subject. Bird photography is discussed for various habitats, at the nest, in flight, at night, for specific parts of birds and scientific applications. Each chapter has a list of books for further reading as well as references. Those in the market for a general nature photography book are advised to examine this volume and Kinne. Price might be the most important consideration. ed.

**Michael Morcombe's Birds of Australia** -- Charles Scribners' Sons, New York - 80 p., 97 color plates, many line drawings and maps -- 1974 -- \$7.95.

Here is another somewhat less expensive book on Australian birds. It is primarily a collection of excellent and well reproduced color photographs. Many are flight shots made at speeds up to 1-7000th of a second. The birds are grouped by habitat in some cases and classification in others. The only error noted was the

reversal of captions on pages 36 and 37 between the Rainbow and Purple-crowned Lorikeets. In addition to the photographs the book contains an outline of bird families, comments on techniques for bird photography and lists of common species for the five general areas of the country.

As is the case in Keast's book this volume does not attempt to give representation to all species. It does serve as a good introduction to the bird life and the plates alone are worth the price. It would be a good book for ones library if they want a glimpse of Australia's beautiful bird life and do not want to invest too much. ed.

**Ducks, Geese and Swans** -- Oscar J. Merne, illustrated by Helen Haywood -- St. Martin's Press, New York -- 160 p., many color plates and maps -- 1974 -- \$6.95.

A field guide sized book covering all species of waterfowl with adequate plates has finally arrived. This book was produced by the Hamlyn Publishing Group and printed in Spain. The author has omitted the four extinct species and seven very rare or local forms. The first part of the book covers the characteristics of waterfowl, their behavior, habits, habitats and migration; as well as man's banding, hunting, conservation, management, propagation, collection and classification of waterfowl. Each species is described and illustrated in color. Subspecies and their ranges are covered and the habits, food and nesting is mentioned. One error was noted in the range of the common subspecies of the Yellow-billed Pintail, *Anas georgica spinicauda*. It is listed as ranging north through the Andes to Bolivia but in fact reaches Colombia. The color plates are well done and show both sexes if their plumage differs. ed.

**Song of the North Wind, A Story of the Snow Goose** -- Paul A. Johnsgard, illustrated by Paul Geraghty - Doubleday & Co., New York - 150p., 17 line drawings, 27b. and w. photographs -- 1974 -- \$5.95.

Beginning with its place in the lives of the indians and eskimoes Johnsgard tells the story of the Snow Goose. For part of the book he fictionalizes to more graphically tell his story. One chapter deals with the importance of Squaw Creek N. W. R. to the Snow Geese. Interspersed in the book are many Indian myths and ceremonies which relate to geese. The drawings and photographs enhance the book greatly. The end product is a very literary and complete life history of a familiar American bird. ed.

**A Voice for Wildlife** -- Victor B. Scheffer -- Charles Scribner's Sons, New York - 246 p., several line drawings by Ugo Mochi -- 1974 -- \$8.95.

While this is not strictly a bird book it is a strong statement for the conservation of wildlife. The author first describes confrontations between people and wildlife as a background aimed primarily at the general reader. Included are hunting, sustenance killing, trapping, scientifically oriented killing, sealing, shuffling wildlife faunas, bird-and-beast watching and getting along with wildlife. The next section of the book deals with wildlife management and its processes of learning about wildlife and people and then dealing with them. The final section is the authors ethic toward wildlife. In it he predicts a more democratically based form of wildlife management; that wildlife agencies will cater more toward those who use wild animals in nonconsumptive ways; market hunting will end, sport-hunting will become more humane; research into controlling nuisance animals will be funded by money now spent in merely killing these animals by conventional methods; and wildlife on national lands will be managed as more of a vital national resource. Perhaps these predictions will come to pass. They are sound from the standpoint of most conservationists and Audubon society members and hopefully federal administrators will heed the words of a long-time federal biologist. ed.



## Membership Roll

Complete to Sept. 1, 1974. Year of joining follows the name. All cities in Iowa unless otherwise noted. Report any errors to the treasurer. Membership class designations: (NC) - Honorary Charter; (H) - Honorary; (L) - Life; (C) - Contributing; (S) - Supporting; (R) - Regular; (J) - Junior.

- Alden, Mrs. John, 419 E. Main, New London, 52645, 1974  
 Allert, Oscar P., RFD 1, McGregor, 52157, 1929  
 Almes, Dr. J. D., 707 W. Main, Clarinda, 51632, 1974  
 Alton, Mrs. Everett D., RFD 2, Iowa City, 52240, 1969  
 Alton, Mrs. Florence (Earl), 106 5th Ave. S.E., Oelwein, 50662, 1960  
 Ambler, Paul (S), Box 111, Independence, 50644, 1093  
 Anderson, Duane C., 509 W. Cherry St., Cherokee, 51012, 1971  
 Armstrong, Eugene (C), Booneville, 50038, 1972  
 Atherton, Mrs. Stanley, 4211 Grand Ave., Des Moines, 50312, 1956  
 Augustine, Mrs. Frank, 808 N. Spruce, Creston, 50801, 1967  
 Aurand, G. D., M. D. (L), 315 N. 10th St., Clinton, 52732  
 Ayres, Mr. and Mrs. Charles C. Jr. (S & S), 922 N. Green St., Ottumwa, 52501, 1941, 1955  
 Ballantyne, Mrs. Madeline (Dean), 602 Lakeview Dr., Lamoni, 50140, 1959  
 Barrett, Mrs. Helen G., 2105 S. Cecilia St., Sioux City, 51106, 1948  
 Barrows, Harry S (S), 1024 24th St., West Des Moines, 50265, 1972  
 Bartlett, Wesley H., 122 S. Ridgley St., Algona, 50511, 1935  
 Bassarear, Pauline E., 809 W. 4th St., Apt. 2, Waterloo, 50702, 1962  
 Bell, Dee, 311 Sunset Drive, New London, 52645, 1974  
 Bell, Harlan L. (S), Box 541, Vinton, 52349, 1962  
 Benson, Richard, 2526 Middle Road, Davenport, 52803, 1974  
 Binsfield, Mrs. A. J. (Ruth), 1712 48th St., Des Moines, 50310, 1940  
 Black, Mrs. Gladys B., 608 DeWitt St., Pleasantville, 50225, 1957  
 Blevins, Lewis D., 2003 E. 12th St., Davenport, 52803, 1959  
 Blome, Dr. Glenn (C), 224 E. Pennsylvania Ave., Ottumwa, 52501, 1973  
 Boller, William A., 1524 Milton Ave., Des Moines, 50316, 1965  
 Bottleman, Mrs. John, 509 9th N., Northwood, 50459, 1954  
 Bowles, John B., Dept. Biology, Central College, Pella, 50219, 1963  
 Boyd, Mrs. Ivan L. (Margaret) (S), 1020 7th St., Baldwin, Kansas 66006, 1937  
 Braley, Mrs. F. M., 209 W. Thomas, Shenandoah, 51601, 1956  
 Briggs, Shirley A., 7605 Honeywell Lane, Bethesda, Md., 20014, 1964  
 Britten, Wayne, 508 N. 17th St. Place, Marshalltown, 50158, 1965  
 Brooke, Mr. and Mrs. Dwight (S & S), 126 51st St., Des Moines, 50312, 1957  
 Brown, Dr. Joseph D., 330 Windsor Dr., Iowa City, 52240, 1972  
 Brown, Mrs. Joseph K., 10414 Applegate, San Antonio, Texas 78230, 1966  
 Brown, Willard J., 3714 Kingman Blvd., Des Moines, 50311, 1970  
 Brown, Mr. and Mrs. Woodward H. (S & S), 432 Tonawanda Dr., Des Moines, 50312, 1947, 1958  
 Brunner, Dorothy A., Nora Springs, 50458, 1946  
 Bryant, Eldon J., Route 1, Box 33, Akron, 51001, 1962  
 Buchanan, Mrs. Paul, Route 2, Orient, 50858, 1974  
 Buckles, Mrs. Ruth E., 5612 Urbandale Ave., Des Moines, 50310, 1973  
 Burk, Dr. Myrle M. (C), 1511 E. Gresham Road, Waterloo, 50701, 1949



## MEMBERSHIP ROLL

81

- Burns, Stuart L., 5804 Ingersoll, Des Moines, 50312, 1972
- Camarata, Antoinette (S), 1420 Patton Ave., Waterloo, 50702, 1971
- Carpenter, Mrs. Madeline, 36856 Thinbark Road, Wayne, Mich. 48184, 1957
- Carter, Dennis L., Route 2, Box 1133, Ashville, N. C., 22805, 1947
- Christensen, Dr. Everett, P O Box 1096, Thomasville, Ga., 31792, 1951
- Christopher, James R., 603 North D, Indianola, 50125, 1974
- Clark, Mrs. Raymond C. (Virginia), 135 Bel Aire Drive, Waukee, 50263, 1973
- Collins, Berneda (Mrs. Lloyd), 1003 Clay St., Cedar Falls, 50613, 1967
- Cook, Barnett C., 517 Hayward Ave., Ames, 50010, 1973
- Copp, C. Esther, Box 36, Wheatland, 52777, 1933
- Cortelyou, R. G., 5109 Underwood Ave., Omaha, Neb. 68132, 1960
- Corwin, Mrs. Eleanor, 104 E. 9th, Cedar Falls, 50613, 1943
- Crane, Frederick G., 338 29th St., Des Moines, 50312, 1973
- Crawford, John, Dept. of Fisheries and Wildlife, Oregon State U., Corvallis, Oregon 97331, 1971
- Crawford, Richard D., Dept. of Zoology & Entomology, ISU, Ames, 50010, 1970
- Criswell, William G. (Hml), 410-64-3161 RAS Hqts., 4th Marines, 3rd Mar. Div (-) ReinFMF EPO San Francisco, Calif. 96602, 1974
- Crocker, Mr. and Mrs. Edwin G. (L & L), 720 E. First St., Storm Lake, 50588, 1967, 1960
- Crossley, Mr. and Mrs. George E., 1890 Wood St., Dubuque, 52001, 1948
- Cullen, Mrs. Vincent P., 2123 Sunnyside Ave., Burlington, 52601, 1973
- Dashner, Joan (S), Route 1, Pacific Junction, 51561, 1970
- Dau, Walter, 2716 McKinley Ave., Davenport, 52802, 1959
- DeHoet, Mrs. Leonard, Cedar Crest, Route 2, Centerville, 52544, 1974
- Delle, Margrieta, 703 Streb St., Iowa City, 52240, 1966
- DeLong, Mrs. W. C., 314 N. Silver, Lamoni, 50140, 1939
- Diggs, Mr. and Mrs. Fitzhugh L., Route 1, Hamburg, 51640, 1964, 1961
- Dodd, Mrs. George H. (S), Route 3, Clear Lake, 50428, 1967
- Dorow, Mr. and Mrs. Herb (S & R), 1200 S. 8th Ave. E., Newton, 50208, 1971
- DuMont, Philip A. (H), 4114 Fessenden St., N. W., Washington, D. C. 20016, 1932
- Eaton, Edward E., P O Box 317, Sidney, 51652, 1959
- Ehlers, Mrs. John, 305 Chestnut St., Reinbeck, 50669, 1947
- Ehlers, Mrs. Roland (S), Route 1, Maquoketa, 52060, 1968
- Eige, Mrs. Norman, 1305 W. Church St., Marshalltown, 50158, 1974
- Elswick, Mrs. Grace, Lamoni, 50140, 1969
- Engle, Mrs. Stanley (Esther), Box 409, Glenwood, 51534, 1970
- Englehorn Alfred J. (S), 2923 Arbor St., Ames, 50010, 1954
- Erickson, Floy, 1298 29th N. E., Cedar Rapids, 52402 1971
- Evans, Miss Pearl, Box 481, Route 1, Russell, 50238, 1972
- Evans, Richard M., 448 Martin Road, Waterloo, 50701, 1974
- Everly, Mrs. Jeannette H. (C), 231 42nd St., Des Moines, 50312, 1973
- Fawks, Elton (S), 510 Island Ave., E. Moline, Illinois 61244, 1950
- Felsing, Mrs. Paul, Route 3, Box 158, Knoxville, 50138, 1974
- Fisher, Kathy, Route 2, Keota, 52248, 1969
- Fitzsimmons, C. S., Box 54, Sibley, 51249, 1945
- Flaherty, John J., 5002 N. Pine St., Davenport, 52806, 1968
- Flynn, Mrs. Norval C., 1640 Cornwall Ave., Waterloo, 50702, 1966
- Foley, Robert L., 1301 Harold Drive S. E., Cedar Rapids, 52403, 1973
- Ford, Arthur M., Box 173, Merville, 51039, 1959

- Formanek, Kenneth J., 820 Knob Hill Drive, Des Moines, 50317, 1964
- Frings, Hubert, 514 College Ave., Norman, Okla. 73069, 1970
- Fry, Cecil R., 305 N. 9th Ave., Vinton, 52349, 1956
- Fuller, Dr. James (S), 625 Brookland Park Drive, Iowa City, 52240, 1973
- Fuller, Mrs. Lowell (Jane), 900 S. Garfield Ave., Burlington, 52601, 1962
- Fullerton, Eleanore, 115c 931 Old Marion Rd., Cedar Rapids, 52402, 1958
- Fulton, Bernard C., 517 E. Vine, Ottumwa, 52501, 1973
- Funk, Ruth F., 800 4th Ave. S. W., Independence, 50644, 1940
- Gadelmann, Gene, 111 S. J, Indianola, 50125, 1974
- Getscher, Mrs. Edwin A. (Ione) (S), 4 Skyline Dr., Hamburg, 51640, 1959
- Gillaspey, Diana and J. Donald, Route 1, Lamoni, 50140, 1968, 1956
- Glasgow, Clifford, 619 Forest Blvd., Marshalltown, 50158, 1970
- Glasson, Mrs. Marlyn, Route 2, Larchwood, 51241, 1974
- Goellner, Dr. and Mrs. Karl E. (S & S), 1764 Sherbrook Dr., N. E., Cedar Rapids, 52402, 1956, 1972
- Goodman, Dr. John D., Biology Dept., Anderson College, Anderson, Ind., 46011, 1946
- Graham, Garry, 505 E. Clinton, Indianola, 50125, 1972
- Greer, Msgr. Edward C. (C), Box 266, Victor, 52347, 1972
- Griffith, Mr. and Mrs. E. M., 4150 Greenwood Dr., Des Moines, 50312, 1970, 1965
- Grimes, L. Orville (C), 313 N. 15th St., Marshalltown, 50158, 1965
- Grimes, Mrs. L. R., Route 5, Marshalltown, 50158, 1960
- Gritton, James H., 304 4th Ave., Apt. 1, Coralville, 52240, 1972
- Gruwell, Mrs. W. R. (S), 700 Laurel Park Rd., Dubuque, 52001, 1952
- Guthrie, Richard A. (S), Route 2, Woodward, 50276, 1940
- Hallberg, Mrs. M. K. (L), 4 Rock Bluff Rd., Ottumwa, 52501, 1959
- Haller, Harold and Marjorie, 225 E. Highland Ave., Ottumwa, 52501, 1973
- Halliday, Ruth, 14448 Val Verde Dr., San Diego, Calif. 92129, 1960
- Halmi, Nicholas S., Route 6, Box 182, Iowa City, 52240, 1973
- Hampson, James E., 406 4th Ave., Mendota, Ill. 61342, 1969
- Hanft, Richard (S), Box 123 Nichols, 52766, 1965
- Hanna, Mr. and Mrs. Darrell M., 1026 S. Alice, Sioux City, 51106, 1958, 1955
- Hansen, Mrs. Leroy C., 314 McKinley Ave., Lowden, 52255, 1965
- Harrington, Irene, 1834 1st Ave. N. E., Cedar Rapids, 52402, 1959
- Haskell, Mrs. Lester W., 231 E. Creston Ave., Des Moines, 50315, 1952
- Hays, Russell M., 533 Home Park Blvd., Waterloo, 50701, 1939
- Hayward, Mrs. Viola (L), P O Box 866, Fairfield, 52556, 1954
- Henderson, Barbara C., Box 163, Wellman, 52356, 1962
- Hermansen, Mrs. George, Route 1, Corning, 50841, 1967
- Heuer, Ralph J. (S), 2528 Wilkes Ave., Davenport, 52804, 1940
- Heusinkveld, Irwin R., 304 S. Mickley St., Paullina, 51046, 1972
- Heusinkveld, Willis M., 840 S. Park, Centerville, 52544, 1973
- Hinkley, Mrs. Mabelle, 131 Vincent Road, Waterloo, 50701, 1960
- Hodges, Herbert J. (C), 1810 E. River Dr., Davenport, 52803, 1945
- Horak, Janice J. (S), Route 1, Swisher, 52338, 1973
- Hoskinson, Mrs. Helen Hall, 622 N. 10th St., Clarinda, 51632, 1932
- Hovde, O. M., 603 North St., Decorah, 52101, 1964
- Huber, Ronald L., 2896 Simpson St. N., Roseville, Minn 55113, 1964
- Huit, M. L., 626 Brookland Park Dr., Iowa City, 52241, 1963
- Hull, Mrs. Don G. (Rosetta), 1328 Monona St., Boone, 50036, 1974



- Hungerford, Mary (J), 508 Pine St., Osage, 50461, 1971
- Jackson, Jerome A. (L), Dept. of Zoology, P O Drawer Z, Miss. State Univ., State College, Miss. 39762, 1967
- Jefferson, Robert L. (S), 325 Pearson, Ames, 50010, 1973
- Jessen, Robert, 1136 High Ave. E., Oskaloosa, 52577, 1973
- Johns, Pearl R., Route 4, Ottumwa, 52501, 1974
- Johnson, Clifford O., 891 Kaufmann, Dubuque, 52001, 1941
- Johnson, Mr. and Mrs. Donald G. (S & S), Box 617, Ottumwas, 52501, 1967
- Johnson, Mr. and Mrs. G. Adolph (S & S), Box 617, 919 Circle Dr., Carlisle, 50047, 1973, 1958
- Johnson, Mrs. Howard L. (S), 3071 Valley Dr., Sioux City, 51104, 1967
- Johnson, Lynn (S), P O Box 43, McGregor, 52157, 1968
- Johnson, Mrs. Paul (Ann) (S), 604 N. 1st, Indianola, 50125, 1961
- Johnston, Mrs. Lloyd, 201 Pleasant St., Sumner, 50674, 1974
- Jones, Jonathen W. (J), 5131 Robertson Dr., Des Moines, 50312, 1973
- Jones, Warren L., 207 E. Maple, Williamsburg, 52361, 1974
- Kaldenberg, Mrs. Orville, Route 2, Monroe, 50170, 1974
- Kane, Miss Florence (S), 302 4th Ave. S. W., Independence, 50644, 1957
- Kaufman, Mrs. Charles L. (Wilma S.), P O Box 67, Grinnell, 50112, 1962
- Keck, Dr. Warren N. (L), Box 444, Keosauqua, 52565, 1936
- Keeler, Milford D., 2510 S. Federal, Mason City, 50401, 1957
- Keenan, James, Route 3, Ogden, 50212, 1948
- Keetel, Dr. William C. (S), 343 Hutchinson Ave., Iowa City, 52240, 1959
- Kennedy, Joseph G. (S), 13717 Chef Menteur, New Orleans, La. 70129, 1958
- Kent, Fred, 302 Richards St., Iowa City, 52240, 1950
- Kent, Dr. Thomas H., 302 Richards St., Iowa City, 52240, 1950
- King, Mrs. Ross C. (L), 3699 Mississippi View, Clinton, 52734, 1961
- Kinnaird, Mrs. W. A. (Edith), (HC), 617 8th St., West Des Moines, 50265, 1932
- Kirchgatter, Harvey and Anna Mae, 801 Kingsley Aven., Waterloo, 50701, 1973
- Kirkendall, Mrs. Stella M., South View Acres, Inc., Apt. 4, Melbourne, 50162, 1974
- Kleen, Vernon M. 2311 Huntington Rd., Springfield, Ill. 62703, 1971
- Kline, Mrs. Marjory A. (S), 2025 Friley Rd., Ames, 50010, 1965
- Kline, Paul D. (S), 1003 N. "C" St., Indianola, 50125, 1972
- Klopfenstein, Hazel (Mrs. Fred) (S), Route 2, Winfield, 52659, 1965
- Klotzbach, John R. (J), 401 3rd Ave. S. W., Independence, 50644, 1973
- Knoop, Pearl, Box 215, Marble Rock, 50653, 1938
- Koenig, Darwin, Route 2, Decorah, 52101, 1964
- Konig, Morton E. (J), 1125 W. 12th St., Cedar Falls, 50613, 1972
- Lair, Mrs. Owen, 715 W. 4th St. S., Newton, 50208, 1959
- Landenberger, James F., 2031 Northgate Dr. N. E., Cedar Rapids, 52402, 1971
- Lanning, Mrs. Virginia B., 816 W. 2nd St., Madrid, 50156, 1971
- Layton, Mr. and Mrs. Beryl, 1560 Linmar Dr., N. E., Cedar Rapids, 52402, 1970, 1959
- Layton, Mr. and Mrs. Keith D., Layton's Music Store, 201 High Ave. W., Oskaloosa, 52577, 1958
- Leopold, Frederic, 111 Clay St., Burlington, 52601, 1963
- Leshner, Fred, 509 Winona St., LaCrosse, Wis., 54601, 1956
- Lewis, T. James, P O Box 321, Bolinas, Calif. 94924, 1960
- Liljedahl, Mrs. Lucile, 1080 30th St., Marion, 52302, 1947



- Lindberg, Richard A., Route 1, Ft. Dodge, 50501, 1967
- Lindemann, Lawrence J., Box 373, McGregor, 52157, 1955
- Lowell, Mrs. Margaret, Box 22, Fairfield, 52556, 1953
- Lowther, Peter, 309 Whitewood, Burlington, 52601, 1964
- Maish, James P., 312 5th St. S. W., State Center, 50247, 1965
- Malmberg, Kathryn (Mrs. R. F.), Route 2, Centerville, 52544, 1974
- Mama, Mrs. Sheila J., 111 35th St., Des Moines, 50312, 1968
- Melcher, Rev. M. C., 540 12th St., Box 353, Mation, 52302, 1939
- Meyer, Edwin E., 1026 W. 17th St., Davenport, 52804, 1959
- Miksch, Richard (J), c-o James Miksch, Route 1, Washington, 52353, 1974
- Miller, Hilda E., 1211 19th Ave., Rock Valley, 51247, 1972
- Millikin, Sara L., 1126 Ingleside Dr. S. W., Cedar Rapids, 52404, 1945
- Mooney, Mr. and Mrs. Richard D. (S & S), 3814 Carpenter Ave., Des Moines, 50311, 1966, 1971
- Morrison, James D. (S), 748 Ridgewood Ave., Davenport, 52803, 1967
- Mosman, Darwin (Dean), 518 Sharon Dr., Ankeny, 50021, 1973
- Mudge, E. W. Jr. (C), 5926 Averill Way, Dallas, Texas 75225, 1966
- Mueller, Allan J., 9550 85th St., Apt. D., Rock Island, Ill. 61201, 1974
- Muilenburg, Ronald W. (C), 33 Hillcrest Ct., Webster City, 50595, 1960
- Murley, Margaret R., 816 Simpson St., Evanston, Ill. 60201, 1964
- Musgrove, J. W., 2414 Adams Ave., Des Moines, 50310, 1938
- McDowell, Jack, 211 Riverview Dr., Vinton, 52349, 1967
- McGeough, Rick, 1003 W. Clinton, Indianola, 50125, 1974
- McLane, Jack M. (S), Route 1, Danville, 52623, 1962
- McMahon, F. J. (S), Route 4, Independence, 50644, 1971
- McWilliam, Mr. and Mrs. Wiltse (S & S), Scotch Acres, Paton, 50217, 1972, 1965
- Nagel, Margaret M., 503 Cutler St., Waterloo, 50703, 1958
- Nearing, C. Turner (S), 1400 W. Macon St., Decatur, Ill. 62522, 1961
- Newlon, Mr. and Mrs. Michael C. (C & C), 128 Grove St., Iowa City, 52240, 1974
- Nichols, Harvey L., 1017 Newton St., Waterloo, 50703, 1929
- Nicholson, Mrs. Russell (C), 4101 Kingman Blvd., Des Moines, 50311, 1964
- Nickolsen, Mr. and Mrs. Robert L., 2314 Helmer St., Sioux City, 51103, 1949, 1960
- Niemann, Mrs. Paul H. (S), 2826 Sunnyside Ave., Burlington, 52601, 1962
- Nissen, William M., M. D., Box 548, 207 N. 6th St., West Branch, 52358, 1974
- Ollivier, Mr. and Mrs. Roy, Box 223, Mt. Pleasant, 52641, 1944, 1973
- Olson, Manley E., 1974 W. Summer St., St. Paul, Minn. 55113, 1973
- Oppedahl, Roberta A., 906 Suburban St. N. E., Cedar Rapids, 52402, 1972
- Osher, Mrs. J. B., 1103 N. 7th St., Estherville, 51334, 1960
- Osness, Mr. and Mrs. John M., 320 Columbia Circle, Waterloo, 50701, 1960, 1972
- Parsons, Mrs. Robert O., 208 Lake, Sioux Rapids, 50585, 1942
- Payne, Luff E., 337 Woodland Dr., Council Bluffs, 51501, 1971
- Pearson, C. E. (C), 632 N. Stone Ave., La Grange Park, Ill. 60525, 1956
- Peasley, Dr. and Mrs. Harold R. (S & S), 2001 Nash Dr., Des Moines, 50314, 1943, 1934
- Peck, Mary E., 3839 Cornell St., Des Moines, 50313, 1957
- Petersen, Mr. and Mrs. Peter C. (C & R), 235 McClellan Blvd., Davenport, 52803, 1952, 1962
- Pettijohn, Mrs. Clyde (Clarice) (S), 309 Prospect St., Shell Rock, 50670,

- 1960  
 Pettingill, Dr. Olin S. (L), Wayne, Maine 04284, 1937  
 Phelps, Mrs. Charles (Dorothy) (S), 311 S. East St., Sigourney, 52591, 1965  
 Phipps, Mrs. Wayne (Ruth), 310 University, Shenandoah, 51601, 1966  
 Pierce, Fred (HC), Winthrop, 50682, 1923  
 Pollock, Phillip, 610 E. Seerley Blvd., Apt. 6, Cedar Falls, 50613, 1974  
 Power, Gordon (C), 322 River Dr., Bettendorf, 52722, 1973  
 Prescott, Russell, 1716 W. Lincolnway, Marshalltown, 50158, 1965  
 Prince, Herbert M. (S), Route 2, Keokuk, 52632, 1963  
 Putnam, Mrs. Max (S), 3522 38th St., Des Moines, 50310, 1966  
 Rader, Miss Pearl M., Route 1, Newton, 50208, 1949  
 Raymond, Thomas C. DDS, 1009 Bankers Trust Bldg., Des Moines, 50309, 1974  
 Rector, Harry E., 507 W. 13th St., Vinton, 52349, 1942  
 Rickert, Jon E., 122 N. Main, Elizabethtown, Kentucky 42701, 1974  
 Rinehart, Mr. and Mrs. Homer (S & S), Box 291, Marshalltown, 50158, 1959, 1974  
 Rohrbough, Malcolm (S), 420 Ferson Ave., Iowa City, 52240, 1966  
 Rose, Mary F., 10 Roberts Ave., Davenport, 52803, 1974  
 Rosene, Walter Jr., 127 Oak Circle, Gadsden, Alabama 35901, 1942  
 Ross, H  
 Ross, Hollis T. (S), West Lawn, R.D. 1, Lewisburg, Pa. 17837, 1940  
 Rouw, Mark, 1201 E. Sheridan, Des Moines, 50316, 1969  
 Ruegnitz, Mrs. R. S. (S), 2117 Orchard Dr., Dubuque, 52001, 1942  
 Runkel, Sylvan T. (S), 3101 45th St., Des Moines, 50310, 1965  
 Sadler, Ernie, Box 193, Route 1, LeClaire, 52753, 1971  
 Sage, Evan, 7100 Sage Road, Route 2, Waterloo, 50701, 1942  
 Sauer, Dr. Pauline L., Museum Director, University of Northern Iowa, Cedar Falls, 50613, 1965  
 Savage, Edward, 613 N. 16th St., Marshalltown, 50158, 1969  
 Schmidt, Harry C., 6307 Sage Road, Waterloo, 50701, 1953  
 Schooley, Mrs. Ted, 209 N. Fellows Ave., Ottumwa, 52501, 1972  
 Schlemmer, Conrad F. (S), 310 E. 1st St., Spencer, 51301, 1973  
 Schlicht, Dennis, R.R. 2, Indianola 50125, 1974  
 Schramm, Frank H., Box 587, Cliff Road, Burlington, 52601, 1934  
 Schuster, Miss Ival M., 424 Lowell St., Dubuque, 52001, 1941  
 Schwanke, Mrs. Charles (S), 2510 Cottage Row, Cedar Falls, 50613, 1948  
 Schwanke, Miss Maxine (S), 2510 Cottage Row, Cedar Falls, 50613, 1958  
 Schwartz, Charles, M. D., 1148 Staub Court N. E., Cedar Rapids, 52402, 1963  
 Scott, Frederic R., 115 Kennondale Lane, Richmond, Va. 23226, 1951  
 Scott, Mrs. Richard L., 320 E. Lee, Seymour, 52590, 1968  
 Searles, Leland (J), 313 S. State, Lamoni, 50140, 1974  
 Serbousek, Miss Lillian, 1226 Second St. S. W., Cedar Rapids, 52404, 1932  
 Sharar, Mrs. Harry W. (S), Route 2, Mediapolis, 52637, 1973  
 Silver, Mr. and Mrs. Ralph (S & S), 109 S. State St., Lamoni, 50140, 1961, 1956  
 Snakenberg, Mrs. Robert, Route 1, Webster, 52355, 1974  
 Sorensen, Mrs. Raymond E. (S), 302 W. Washington, Winterset, 50273, 1967  
 Spears, Mrs. Marie, Route 1, Shenandoah, 51601, 1970  
 Staudt, Tom, Marble Rock, 50653, 1974  
 Steffen, E. W., 1000 Maplewood Dr. N. E., Cedar Rapids, 52402, 1940  
 Stoner, Mrs. Lillian C. (L), 399 State St., Albany, New York 12210, 1945  
 Strawn, Mrs. John T. Jr., (S), Route 1, Vinton, 52349, 1957



- Strickland, Jud W., 413 S. 3rd St. W., Mt. Vernon, 52314, 1945
- Swiler, Mrs. Hudson (Margaret), 1800 River St., Burlington, 52601, 1971
- Taylor, James C., 311 Willis Dr., Iowa City, 52240, 1973
- Tennant, Mr. Joyce C., 713 Auburn Ave., Chariton, 50049, 1956
- Thornburg, M. A., 101 S. Warfield Dr., Mt. Airy, Maryland 21771, 1974
- Thornton, Mrs. P. C. 326 Otsego St., Storm Lake, 50588, 1951
- Toyne, Mrs. George W., 206 4th Ave. S., Humboldt, 50548, 1952
- Upp, Mrs. Orville (Ruth A.), 608 Wildwood Dr., Ottumwa, 52501, 1950
- Van Alstine, Mrs. Sewell (Margaret) (S), Box 313, Gilmore City, 50541, 1957
- Van Cleve, G. Bernard (S), 304 S. Winebiddle St., Pittsburg, Pa. 15224, 1968
- Vander Streek, Nola (Mrs. Lloyd), 1335 Northwest Dr., Pella, 50219, 1972
- Vane, Dr. and Mrs. Robert F. (S & S), 2220 Grande Ave. S. E., Cedar Rapids, 1940, 1946
- Van Liew, Virginia (S), Apt. 620, 3660 Grand Ave., Des Moines, 50312, 1969
- Van Nieuwenhuyse, Paul (S), 1355 Harrison Dr., Clinton, 52732, 1974
- Von Ohlen, Dr. Floyd W., 6510 Hadley Farm Lane No. 107, Fort Wayne, Indiana 46815
- Walker, Pearle C., 301 Albany, Ottumwa, 52501, 1943
- Walser, Karen, Stacyville, 50476, 1973
- Walters, Elizabeth L., Route 1, Essex, 51638, 1965
- Ward, Norman, P O Box 267, Gilbert, 50105, 1965
- Ware, Richard (S), 34 Sunset Dr., Jacksonville, Illinois 62650, 1962
- Watson, S. Arthur, Terrace Garden, Apt. P. 1301-25 N. W., Wichita, Kansas 67203, 1971
- Weaver, Miss Gertrude S. (S), 1425 Nebraska, Sioux City, 51105, 1946
- Webb, Dr. Morgan C., 1325 S. Newton St., Sioux City, 51106, 1967
- Wellander, Jeff (C), 3351 Sims Dr., Des Moines, 50317, 1973
- Weller, Dr. Milton W. (S), Dept. Ent., Fisheries & Wildlife, Univ. of Minn., St. Paul, Minn. 55101, 1958
- Welter, Mrs. Leslie Jr., P O Box 579, Moorhead, Minn. 56560, 1974
- Wershofen, Miss Pauline, Pickwick, La Moille, Minn. 55948, 1954
- Whitmus, Mrs. Harold V., 5800 Saylor St., Lincoln, Nebraska 68506, 1959
- Wiley, Miss Marcia, 1533 Maxwell, Ames, 50010, 1974
- Willis, Miss Myra G., 1720 6th Avenue S. E., Cedar Rapids, 52403, 1937
- Wilson, Valeria Louise (S), Route 1, Clinton, 52732, 1973
- Wolden, Mrs. B. O. (Ida E.), 1127 N. 5th St., Estherville, 51334, 1939
- Woods, Doyle L. (S), 604 W. Ashland, Indianola, 50125, 1969
- Wuellner, Mrs. Keith A., 1321 Osborn St., Burlington, 52601, 1966
- Young, Lewis C., 19 Blackstone Ave., Sioux City, 51104, 1974
- Young, Dr. Richard A. (S), 820 1nd Ave. N. E., Clarion, 50525, 1963
- Zaletel, Mrs. Linda, 5200 Urbandale Ave., Des Moines, 50310, 1974
- Zihlman, Mrs. John J., 509 S. 5th St., Fairfield, 52556, 1954
- Zimmer, Barry R. (J), 701 19th Ave. S., Fargo, North Dakota, 58102, 1974
- Zimmer, Kevin J., 701 19th Ave. S., Fargo, North Dakota, 58102, 1974

#### LIBRARIES

- Fellows School IMC, 1400 McKinley, Ames, 50010
- Library, Iowa State Univ., Ames, 50010
- Camanche Public Library, 102 12th Ave., Camanche, 52730
- Library, Univ. of Northern Iowa, Cedar Falls, 50613
- Cedar Rapids Public Library, Library Publ. Periodical Service, Cedar Rapids, 52401
- Coe College, Stewart Memorial Library, Periodicals, Cedar Rapids, 52402

Clinton Public Library, 306 8th Ave.  
S., Clinton, 52732  
Office of Librarian, Univ. of Missouri,  
Columbia, Missouri 65201  
Public Library, Willow Ave. & Pearl  
St., Council Bluffs, 51501  
Public Library, 4th and Main St.,  
Davenport, 52801  
S. F. Parson Library, Northern  
Illinois Univ., DeKalb, Ill. 60115  
Order Division, Public Library, 100  
Locust St., Des Moines, 50309  
State Library, Historical Building,  
Des Moines, 50319  
Central Community & Junior High  
School Library, 9th St. & 9th Ave.,  
DeWitt, 52742  
Ekstrand Elem. School, 1140 15th St.,  
DeWitt, 52742  
Wahlert Memorial Library, Loras  
College, Dubuque, 52001  
Grand Mound Elem. School Library,  
Grand Mound, 52751  
Fort Hays Kansas State College,  
Serials Dept., Forsyth Library,  
Hays, Kansas 67601  
Serials Dept., Univ. of Iowa Libraries,  
Iowa City, 52240  
Albert R. Mann Library, Cornell  
Univ., Ithaca, N. Y. 14850  
Dwight B. Waldo Library, Serials  
Records, W. Mich. Univ.,  
Kalamazoo, Mich 49001  
Keokuk Public Library, Keokuk, 52632  
Lamoni Public Library, East Main  
St., Lamoni, 50140  
Low Moor Elem. School Library, Low  
Moor, 52757  
Western Ill. Univ. Library, Macomb,  
Ill. 61455  
Memorial Library, Mankato State  
College, Mankato, Minn. 56001  
Bio-Medical Library, Diehl Hall,  
Univ. of Minnesota, Minneapolis,  
Minn. 55455  
McGill University Libraries, Serials  
Dept., 3459 McTavish St., Montreal  
Quebec, Canada H3A 1Y1  
Cornell College Library, Mt. Vernon,  
52314  
Serials Dept. Ill. State Univ. Library,

Normal, Ill. 61761  
Wilcox Library, William Penn  
College, Oskaloosa, 52577  
Washington State University, Library  
Serials Record Sec., Pullman,  
Washington 99163  
Dordt College Library, Sioux Center,  
51250  
Public Library, Sioux City, 51100  
Morningside Library, 4005 Mor-  
ningside Ave., Sioux City, 51106  
St. Cloud State College, Library -  
Periodicals, St. Cloud, Minn. 56301  
Acquisitions Dept., Mitchell Mem.  
Library, Miss. State Univ., State  
College, Miss. 39762  
Oklahoma State University Library -  
Serials Sec., Stillwater, Oklahoma  
74074  
U. of Illinois, Periodical Div.,  
Library, Urbana, Illinois 61801  
I. D. Weeks Library, State Univ. of  
South Dakota, Vermillion, S.  
Dakota 57069  
Central Missouri State College -  
Periodicals Dept. - Library,  
Warrensburg, Missouri 64093  
Washington Free Public Library,  
Washington, 52353  
Waterloo Public Library, 626  
Mulberry St., Waterloo, 50703  
Welton Elem. School Library, Welton,  
52774  
Eastern Michigan University,  
University Library, Ypsilanti,  
Mich. 48197

## SOCIETIES

Ames Audubon Society, 619 8th,  
Ames, 50010, 1970  
Audubon Naturalists Club of Cedar  
Rapids, Cedar Rapids, 1966  
Tri City Bird Club, Davenport, 52803,  
1949  
Des Moines Audubon Society, Des  
Moines, 1947  
Dubuque Audubon Club, Dubuque,  
1933  
Sioux City Bird Club, Sioux City,  
51104, 1969  
Waterloo Audubon Society, Waterloo,  
1947



## Pay Your Dues

It will be a big help to our Treasurer Ruth Buckles if you will pay your 1975 dues now. Her address is 5612 Urbandale Ave., Des Moines, Iowa, 50310. Upgrading your membership will help avoid a dues increase in 1975. ed.

## Christmas Bird Count - 1974

This year the Christmas Bird Count will be compiled by Richard Crawford. Forms will be sent to those who compiled counts last year in this magazine. Anyone wishing to establish a new count should write to Rich. Dates for the count are Dec. 14, 1974 to Dec. 31, 1974.

### STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

(Act of August 12, 1970: Section 3685. Title 39. United States Code)

Title of Publication: **IOWA BIRD LIFE**

Date of Filing: October 1, 1974

Frequency of Issue: Quarterly

Location of Known Office of Publication and Headquarters: 235 McClellan Blvd., Davenport, Scott Co., Iowa 52803

Name and Address of Publisher, Editor, and Managing Editor: Peter C. Petersen, 235 McClellan Blvd., Davenport, Iowa 52803

Owner: Iowa Ornithologists' Union, 5612 Urbandale, Des Moines, Iowa 50310

Known Bondholders, Mortgagees, and other Security Holders owning or holding 1 percent or more of total amount of Bonds, Mortgages or other Securities: None

Average No. Copies Each Issue During Preceding 12 Months	Nearest Single Issue
A. Total No. Copies Printed (Net Press Run) .....	550
B. Paid Circulation - Mail Subscriptions .....	455
C. Total Paid Circulation .....	455
E. Total Distribution (Sum of C and D) .....	455
F. Office Use, Left-Over, Unaccounted, Spoiled after Printing .....	95
G. Total (Sum of E & F - should equal net press run shown in A) .....	550

Peter C. Petersen, Editor

I certify that the statements made by me above are correct and complete.